

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045147.D
 Acq On : 05 Oct 2021 16:07
 Operator : SY/MD
 Sample : M3996-09DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A27DL

Quant Time: Oct 06 01:46:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

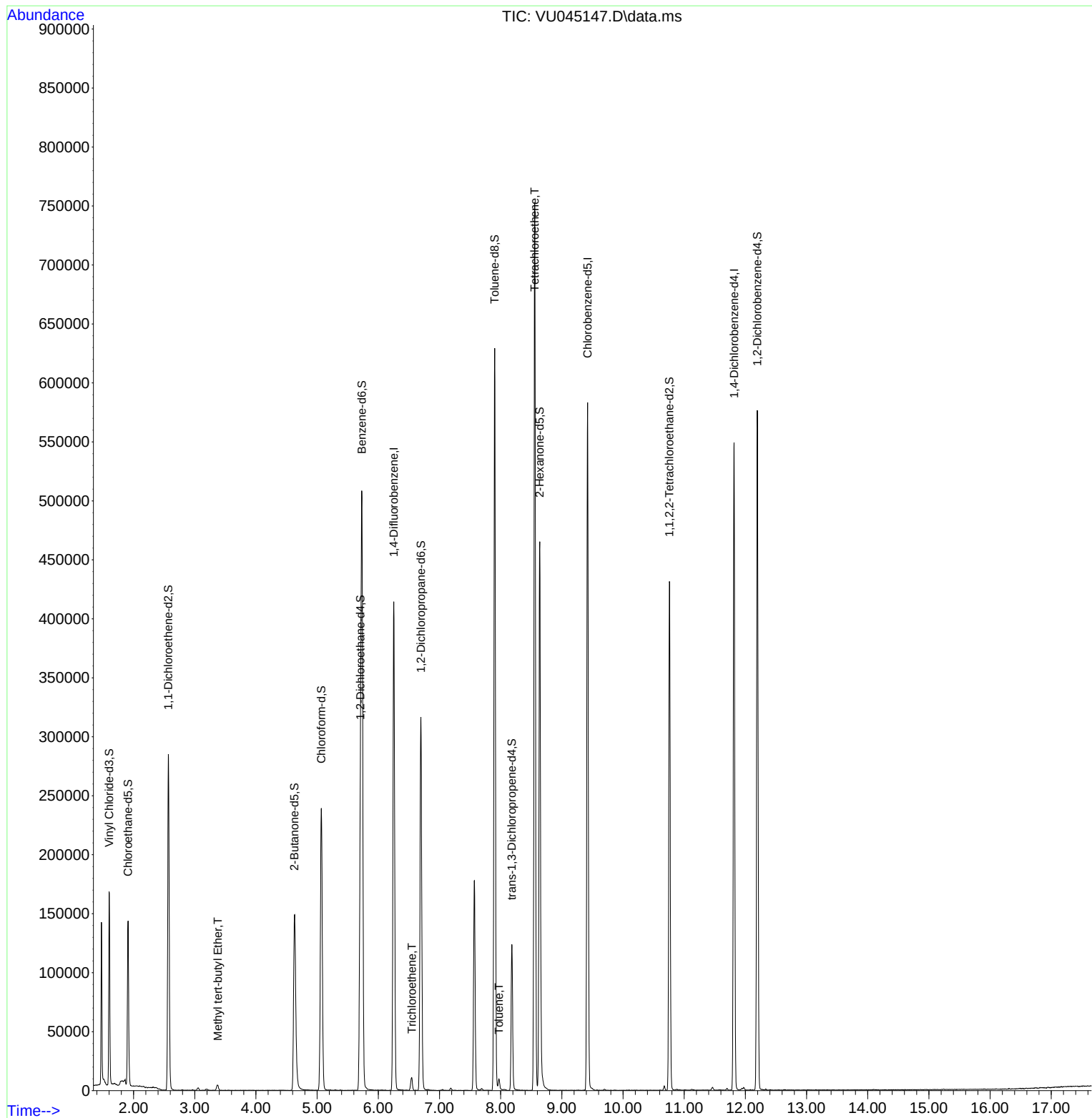
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	324157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	300973	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135357	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	118254	33.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.64%
7) Chloroethane-d5	1.909	69	104968	37.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.66%
11) 1,1-Dichloroethene-d2	2.568	63	169430	28.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.86%#
21) 2-Butanone-d5	4.629	46	229946	81.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.97%
24) Chloroform-d	5.070	84	216528	38.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.26%
26) 1,2-Dichloroethane-d4	5.707	65	155459	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.90%
32) Benzene-d6	5.732	84	455771	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
36) 1,2-Dichloropropane-d6	6.697	67	143974	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.56%
41) Toluene-d8	7.903	98	396873	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloroprop...	8.182	79	66439	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.639	63	162631	86.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.18%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214203	40.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.78%
66) 1,2-Dichlorobenzene-d4	12.195	152	140584	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
Target Compounds						
18) Methyl tert-butyl Ether	3.375	73	5082	0.58	ug/L	96
34) Trichloroethene	6.549	95	2902	1.08	ug/L	88
42) Toluene	7.973	91	6247	0.55	ug/L	95
46) Tetrachloroethene	8.555	164	157998	82.44	ug/L	98

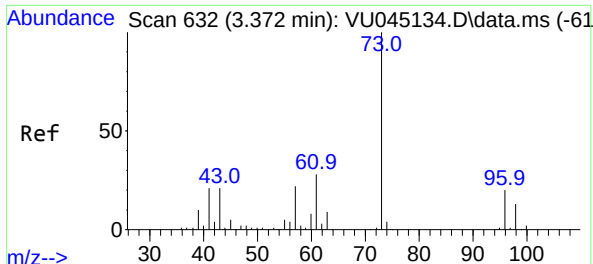
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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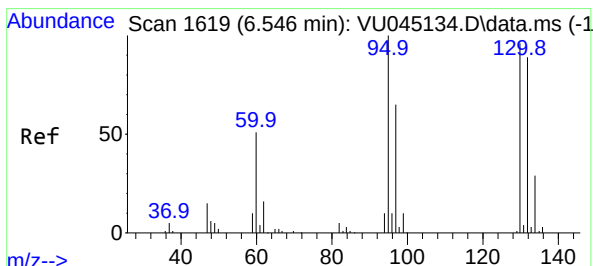
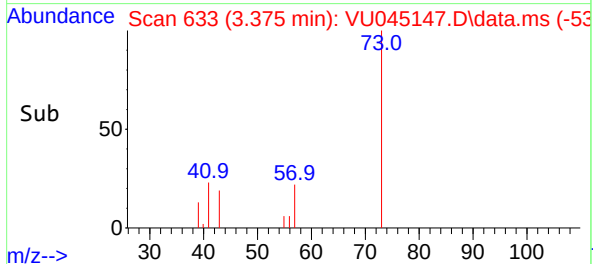
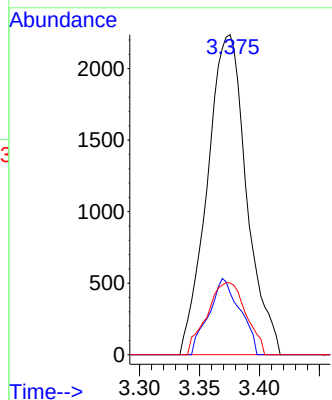
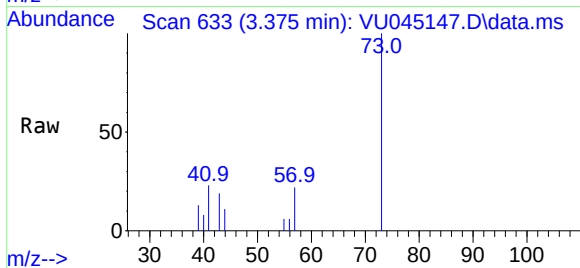


#18
Methyl tert-butyl Ether
Concen: 0.58 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Instrument :
MSVOA_U
ClientSampleId :
F4A27DL

Tgt Ion: 73 Resp: 5082

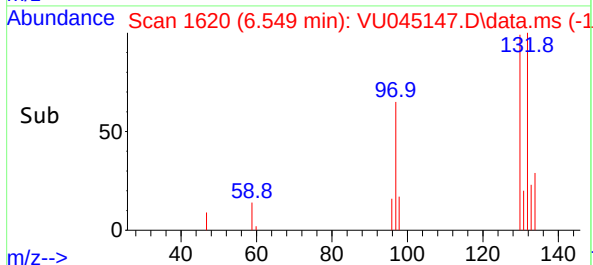
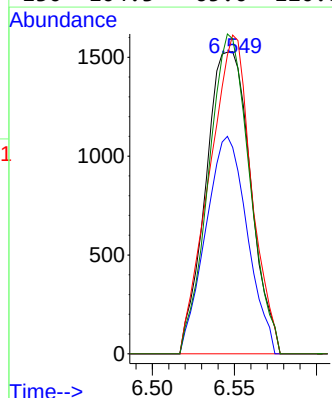
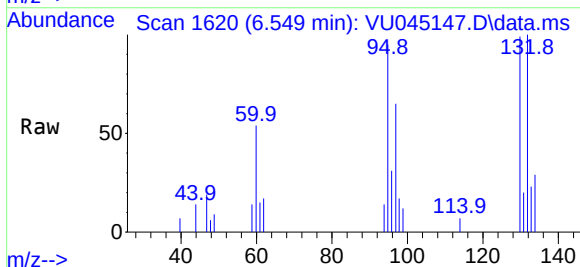
Ion	Ratio	Lower	Upper
73	100		
43	18.9	17.3	25.9
57	22.4	18.7	28.1

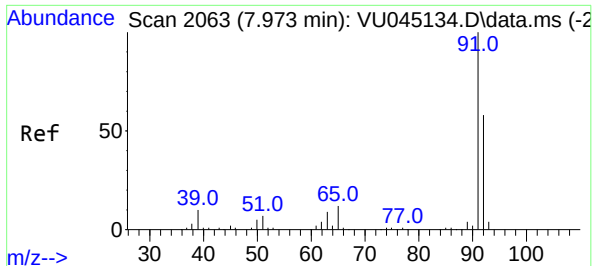


#34
Trichloroethene
Concen: 1.08 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Tgt Ion: 95 Resp: 2902

Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.4	82.4
132	105.5	62.9	116.9
130	104.3	65.0	120.8

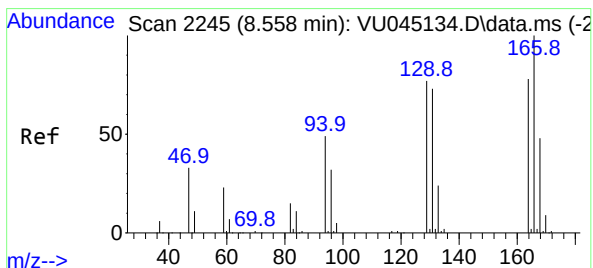
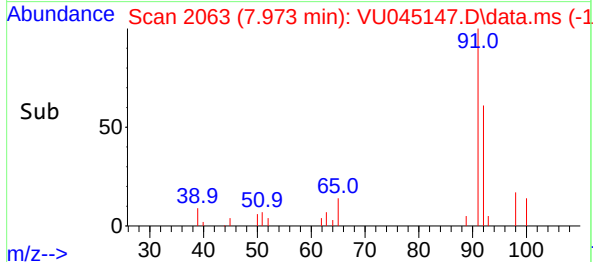
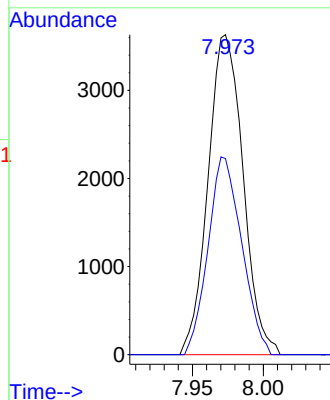
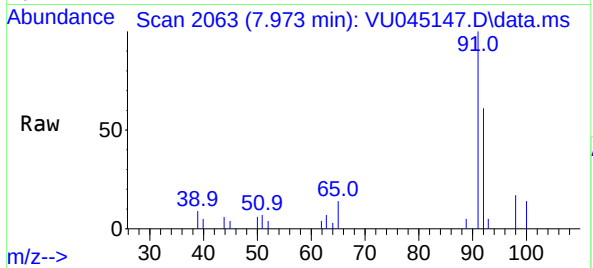




#42
Toluene
Concen: 0.55 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Instrument :
MSVOA_U
ClientSampled :
F4A27DL

Tgt Ion: 91 Resp: 6247
Ion Ratio Lower Upper
91 100
92 61.3 40.5 75.1



#46
Tetrachloroethene
Concen: 82.44 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045147.D
Acq: 05 Oct 2021 16:07

Tgt Ion: 164 Resp: 157998
Ion Ratio Lower Upper
164 100
129 98.3 69.8 129.6
131 94.6 66.4 123.2
166 126.8 91.1 169.3

